

# Academic and Government Research

Round 5

8/31/2006

Item Designation	Title	Author	School/Area	Date
Chain & Cable Lubricants		Agriculture-Based Industrial Lubricants Research Program	University of Northern Iowa	
		Mernick, K.	National Center for Agricultural Utilization Research	
	Industrial uses of soyoil: A market analysis	Industrial Agricultural Products Center	University of Nebraska	1994
	Friction and Wear Behavior of Biobased Lubricant Additives	Sharma, B., J. Perez, and S. Erhan	USDA ARS	2006
	Use of Vegetable Oils in Functional Fluids	Erhan, S., A. Adhvaryu, and Z. Liu	USDA ARS	2002
	Soybean Oil-Based Base Stocks	Erhan, S., A. Adhvaryu, and Z. Liu	USDA ARS	2001
	Vegetable Oil Based Lubricants for Industrial Uses	Erhan, S. and B. Sharma	USDA ARS	2006
	Synthesis and Characterization of Biobased Lubricant Additives	Sharma, B., J. Perez, and S. Erhan	USDA ARS	2006
	Development of biobased synthetic fluids: application of molecular modeling to structure-physical property relationship	Adhvaryu, A., B.K. Sharma, H.S. Hwang, S.Z. Erhan, and J.M. Perez	American Chemical Society	2005
	New lubricants from vegetable oil: cyclic acetals of methyl 9, 10-dihydroxystearate	Filley, J.	Colorado School of Mines	2004
Corrosion Preventatives	Eco-Industrial Development: Eco-Industrial Parks, Bio-Refineries, Renewable Energy, and Zero Waste Opportunities for Lane County	Atsusaka, N., K. Darby, T. Shinnebarger, and T. Osdobo	University of Oregon	2003
	The prevention and prediction of corrosion using novel method	Muhunnad Marouf, A.-D.	Dalhousie University, Canada	2004
	Prevention of microbially induced corrosion in cement-lined pipelines using natural materials	Saeed, N.O.	Daltech-Dalhousie University, Canada	2003
	Ashless Rust Inhibitors for Greases	Hunter, M.E., R.F. Baker, and S.Q.A. Rizvi	National Lubricating Grease Institute	2000
	A Review of the Mechanisms of Action of Antioxidants, Metal Deactivators, and Corrosion Inhibitors	Gavilan, J.R.	National Lubricating Grease Institute	2000
Food Cleaners		Coating Research Institute	Eastern Michigan University	
	A study of safety prospects of fresh produce and the antibacterial properties of isothiocyanates	Lin, C.-M.	University of Florida	1999
	Changes in growth of Listeria monocytogenes and listeriolysin O activity in the presence of organic acids	Kouassi, Y.	Wayne State University	1997

	Biobased Products Alternative Agricultural Research and Commercialization Corporation	Armstrong, R.E	Purdue University	1999
Forming Lubricants		Agriculture-Based Industrial Lubricants Research Program	University of Northern Iowa	
	New lubricants from vegetable oil: cyclic acetals of methyl 9, 10-dihydroxystearate	Filley, J.	Colorado School of Mines	2004
	Development of biobased synthetic fluids: application of molecular modeling to structure-physical property relationship	Adhvaryu, A., B.K. Sharma, H.S. Hwang, S.Z. Erhan, and J.M. Perez	American Chemical Society	2005
	Vegetable Oil Based Lubricants for Industrial Uses	Erhan, S. and B. Sharma	USDA ARS	2006
	Use of Vegetable Oils in Functional Fluids	Erhan, S., A. Adhvaryu, and Z. Liu	USDA ARS	2002
	Soybean Oil-Based Base Stocks	Erhan, S.	USDA ARS	2001
	Friction and Wear Behavior of Biobased Lubricant Additives	Sharma, B., J. Perez, and S. Erhan	USDA ARS	2006
	Synthesis and Characterization of Biobased Lubricant Additives	Sharma, B., J. Perez, and S. Erhan	USDA ARS	2006
Gear Lubricants		Agriculture-Based Industrial Lubricants Research Program	University of Northern Iowa	
	Industrial uses of soyoil: A market analysis	Industrial Agricultural Products Center	University of Nebraska	1994
	Vegetable Oil Based Lubricants for Industrial Uses	Erhan, S. and B. Sharma	USDA ARS	2006
	Fuel Economy Considerations of Multigrade Automotive Gear Lubricants	Bala, V., K.L. Guidry, and R. Kuhlman	National Lubricating Grease Institute	2000
	New lubricants from vegetable oil: cyclic acetals of methyl 9, 10-dihydroxystearate	Filley, J.	Colorado School of Mines	2004
	Development of biobased synthetic fluids: application of molecular modeling to structure-physical property relationship	Adhvaryu, A., B.K. Sharma, H.S. Hwang, S.Z. Erhan, and J.M. Perez	American Chemical Society	2005
	Use of Vegetable Oils in Functional Fluids	Erhan, S., A. Adhvaryu, and Z. Liu	USDA ARS	2002
	Soybean Oil-Based Base Stocks	Erhan, S.	USDA ARS	2001
	Friction Behavior of Some Seed Oils: Bio-Based Lubricant Applications	Adhvarya, A., G. Biresaw, B. Sharma, and S. Erhan	USDA ARS	2006
	Friction and Wear Behavior of Biobased Lubricant Additives	Sharma, B., J. Perez, and S. Erhan	USDA ARS	2006
	Synthesis and Characterization of Biobased Lubricant Additives	Sharma, B., J. Perez, and S. Erhan	USDA ARS	2006

	Biodegradable Open Gear Lubricant	Faci, H.	National Lubricating Grease Institute	2003
	"Frictionless" Open Gear Lubricant		National Lubricating Grease Institute	2001
	Enhanced Performance Properties of Automotive Gear Lubricants		National Lubricating Grease Institute	2001
	Phosphorus Free Anti-Wear Additives in Gear Oils	Rhodes, B.	National Lubricating Grease Institute	1999
General Purpose Household Cleaners	Opportunities for Value-added Utilization of Oilseeds and Oilseed Products in Minnesota	Carlson, R.W.	University of Minnesota	2005
	Biobased Products Alternative Agricultural Research and Commercialization Corporation	Armstrong, R.E	Purdue University	1999
	Bio Based Alternative Solvents: How Well Do They Work	Marshall, J. and H. Wilcox	University of Massachusetts	2003
	Life cycle assessment of a biobased process for producing 1, 3-propanediol	Ogletree, A.L.	Iowa State University	2004
Industrial Cleaners	Opportunities for Value-added Utilization of Oilseeds and Oilseed Products in Minnesota	Carlson, R.W.	University of Minnesota	2005
	Bio Based Alternative Solvents: How Well Do They Work	Marshall, J. and H. Wilcox	University of Massachusetts	2003
	Life cycle assessment of a biobased process for producing 1, 3-propanediol	Ogletree, A.L.	Iowa State University	2004
	Biobased Products Alternative Agricultural Research and Commercialization Corporation	Armstrong, R.E	Purdue University	1999
	Opportunities for Value-added Utilization of Oilseeds and Oilseed Products in Minnesota	Carlson, R.W.	University of Minnesota	2005
	Biobased Products Alternative Agricultural Research and Commercialization Corporation	Armstrong, R.E	Purdue University	1999
	Market Opportunity Summary: Soy-Based Solvents		United Soybean Board	2002
	Effect of pressurized extractive solvents on ethanol production by the thermophilic bacterium Clostridium thermocellum	Knutson, B.L., H.J. Strobel, S.E. Nokes, K.A. Dawson, J.A. Berberich, and C. R. Jones	University of Kentucky	1999
	Product Selectivity Shift in Clostridium thermocellum in the Presence of Compressed Solvents	Berberich, J. A., B. L. Knutson, H. J. Strobel, S. Tarhan, S. E. Nokes, and K. A. Dawson	University of Kentucky	2000
	Life cycle assessment of a biobased process for producing 1, 3-propanediol	Ogletree, A.L.	Iowa State University	2004
	Bio Based Alternative Solvents: How Well Do They Work	Marshall, J. and H. Wilcox	University of Massachusetts	2003
	Design and Optimization of a Soy-Based Industrial Network Model	Joshua T. Pack	Cornell University	2004

Multipurpose Cleaners	Opportunities for Value-added Utilization of Oilseeds and Oilseed Products in Minnesota	Robert W. Carlson	University of Minnesota	2005
	Bio Based Alternative Solvents: How Well Do They Work	Marshall, J. and H. Wilcox	University of Massachusetts	2003
	Life cycle assessment of a biobased process for producing 1, 3-propanediol	Ogletree, A.L.	Iowa State University	2004
	Biobased Products Alternative Agricultural Research and Commercialization Corporation	Armstrong, R.E	Purdue University	1999
Parts Wash Solutions	No results found			